

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: April 17, 2000

SUBJECT: Gurnee Mercury Spill

FROM: Mike Harris, OSC, U.S. EPA, Region 5, EERB, RS-2



TO:

K.

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POLREP No.: POLREP #2

II. BACKGROUND

Site: Gurnee Mercury Spill

Task Order No.: 16

CERCLIS No.: ILP200000272

State Notification: IEPA Notified

Incident Category: Emergency Response

Reporting Date: April 10 through April 17, 2000

Site No.: B5M4

Response Authority: CERCLA

NPL Status: Not on the NPL

Action Memorandum Status: Pending

Starting Date: March 30, 2000

Completion Date: Not Available

III. SITE DESCRIPTION

See POLREP #1 for site description.

IV. RESPONSE INFORMATION

A. Status of Actions

On Wednesday, April 12, 2000, the ERRS contractor was mobilized to site to decontaminate the basement after analytical results of air samples from the house came back above the Agency for Toxic Substances and Disease Registry's (ATSDR) residential standard for mercury exposure of 0.0003 milligrams per cubic meter (mg/m³). High volume blowers were utilized to remove any mercury vapor still present in the house.

On Thursday, April 13, 2000, START mobilized to site to collect air samples in the house at 1000 Magnolia after 24 hours of venting the house with the blowers. One pump was also placed at 1000 Belle Plaine after one room in the house came back above ATSDR's standard. Samples were shipped

to a commercial lab for analysis.

On April 14, 2000, analytical results were received for samples collected on April 13. Results were acceptable for the house at Belle Plaine, restoration can be scheduled for the residence. Results for the house at Magnolia exceed ATSDR's standard of 0.0003 mg/m³. Further decontamination will be required at this residence.

B. Next Steps

1. Arrange for restoration of Belle Plaine.
2. Arrange for decontamination of Magnolia.
3. Arrange for restoration of Magnolia.

C. Key Issues

The City of Gurnee Public Works Department has agreed to replace the concrete that was excavated along the culvert.

V. COST INFORMATION

As of 4/10/2000

Group	Ceiling Cost	Cost to Date	Remaining
ERRS	Unknown		
START	Unknown		
U.S. EPA	Unknown		
TOTAL			

VI. DISPOSAL INFORMATION

Disposition of Wastes Gurnee Mercury Spill Gurnee, Lake County, Illinois			
Wastestream	Quantity	Date	Disposal Facility
Waste Mercury, 8, UN2809, PGIII	100 pounds	3/31/00	Superior Special Services, Inc. 1275 Mineral Springs Dr. Port Washington, WI 53074
Waste Toxic Solid, inorganic, n.o.s. (mercury), 6.1, UN3288, PG III	10 yd ³	4/4/00	Onyx Environmental W124 N9451 Boundary Rd. Menomonee Falls, WI 53051
Waste Toxic Solid, inorganic, n.o.s. (mercury), 6.1, UN3288, PG III	15 yd ³	4/4/00	Superior Special Services, Inc. 1275 Mineral Springs Dr. Port Washington, WI 53074